

**Abstract**

5 There is provided an immunogenic composition comprising at least one fragment of TGF- $\beta$  capable of eliciting an immunostimulating effect in an individual, and at least one immunogenic determinant against which it is desirable to elicit an immunogenic response, wherein said at least one fragment of TGF- $\beta$  and said at least one immunogenic determinant are not identical. Following immunisation, the effect exerted by  
10 the TGF- $\beta$  fragment according to the invention results in the generation of an increased immunological response against the immunogenic determinant. By loading otherwise low immunogenic determinants into the vaccine chip according to the invention, thus generating an immunogenic composition according to the present invention, the immunogenic determinants will acquire an increased immunogenicity.  
15 There is also provided a vaccine formulation and a method for immunising an individual with the immunological compositions according to the invention.

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